



Fact Sheet

7100 Defense Pentagon
Washington, DC 20301-7100

Command, Control, Battle Management, and Communications

The Command, Control, Battle Management, and Communications (C2BMC) program is the hub of the Ballistic Missile Defense System (BMDS). C2BMC globally links, integrates and synchronizes individual missile defense elements, systems and operations. It creates an optimized, layered missile defense capability that enables response to threats of all ranges in all phases of flight. C2BMC is the force multiplier that globally and regionally networks, integrates and synchronizes missile defense systems and operations to optimize performance. The C2BMC is a vital operational network that enables the U.S. president, secretary of defense and combatant commanders at strategic, regional and operational levels to systematically plan ballistic missile defense operations, to collectively see the battle develop, and to dynamically manage designated networked sensors and weapons systems to achieve global and regional mission objectives. C2BMC is an integral part of all BMDS ground and flight tests to verify and exercise all current and future capabilities.



Through its operational networks, the C2BMC program provides redundant connectivity and enables on-site operations and sustainment for global combatant commanders. It provides these key operational services through five product lines:

Ballistic Missile Defense Planner

- Provides warfighters the capability to explore the effectiveness of various defensive plans
- Allows collaborative planning of the battle during pre-hostilities (deliberate planning), imminent hostilities (crisis action planning), and/or while engaged in hostile action (dynamic replanning) across all levels of operations

Command and Control

- Provides situational awareness by turning detailed data into information that combatant commanders can employ in the event of a missile threat
- Emphasizes a common, single, integrated ballistic missile picture and provides the status of the overall BMDS, for the president down to the operational levels of command

Global Engagement Manager

- Provides the first true BMDS battle management capability through C2BMC
- Acts as a force multiplier to achieve integrated, layered ballistic missile defense through improved sensor resource management and engagement coordination

Ballistic Missile Defense Network

- Aligns and integrates the individual sensors and weapon elements of the BMDS
- Provides robust, high-availability connectivity to quickly and unambiguously share information across the global BMDS

Concurrent Test, Training, and Operations

- Meets the warfighter's requirements for a capability to sustain BMDS operations while supporting concurrent Research, Development, Test & Evaluation and maintenance
- Enables the warfighter to conduct distributed, high-fidelity, end-to-end training for missile defense operations